

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 08/486,313

CRF Processing Date: 12/29/95
 Edited by: AK
 Verified by: AK (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☒ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

ENTERED

Handwritten: Au 1804
12/29/95
18G

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 16:39:40

INPUT SET: S8022.raw

#7

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

merged just

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Weiss, Samuel
6 Reynolds, Brent A.
7 Hammang, Joseph P.
8 Baetge, Edward E.
9
10 (ii) TITLE OF INVENTION: In Vitro and In Vivo
11 Proliferation and
12 Use of Multipotent Neural Stem Cells and their
13 Progeny
14
15 (iii) NUMBER OF SEQUENCES: 8
16
17 (iv) CORRESPONDENCE ADDRESS:
18 (A) ADDRESSEE: Flehr, Hohbach, Test, Albritton
19 & Herbert
20 (B) STREET: Four Embarcadero Center, Suite 3400
21 (C) CITY: San Francisco
22 (D) STATE: California
23 (E) COUNTRY: United States
24 (F) ZIP: 94111-4187
25
26 (v) COMPUTER READABLE FORM:
27 (A) MEDIUM TYPE: Floppy disk
28 (B) COMPUTER: IBM PC compatible
29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
31
32 (vi) CURRENT APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/486,313
34 (B) FILING DATE: 07-JUN-1995
35 (C) CLASSIFICATION:
36
37 (viii) ATTORNEY/AGENT INFORMATION:
38 (A) NAME: Brunelle, Jan P.
39 (B) REGISTRATION NUMBER: 35,081
40 (C) REFERENCE/DOCKET NUMBER: A-61105-11/DJB/JPB
41
42 (ix) TELECOMMUNICATION INFORMATION:
43 (A) TELEPHONE: (415) 781-1989
44 (B) TELEFAX: (415) 398-3249
45 (C) TELEX: 910 277299

INPUT SET: S8022.raw

46
47

ERRORED SEQUENCES FOLLOW:

48 (2) INFORMATION FOR SEQ ID NO:1:
49
50 (i) SEQUENCE CHARACTERISTICS:
--> 51 (A) LENGTH: 20 base pairs
52 (B) TYPE: nucleic acid
53 (C) STRANDEDNESS: unknown
54 (D) TOPOLOGY: unknown
55
56 (ii) MOLECULE TYPE: cDNA
57
58
59
60
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
62
63 GAGATGCGAC CCTCAGGGAC
64 20
65

66 (2) INFORMATION FOR SEQ ID NO:2:
67
68 (i) SEQUENCE CHARACTERISTICS:
--> 69 (A) LENGTH: 20 base pairs
70 (B) TYPE: nucleic acid
71 (C) STRANDEDNESS: unknown
72 (D) TOPOLOGY: unknown
73
74 (ii) MOLECULE TYPE: cDNA
75
76
77
78
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
80
81 GTCCCTGAGG GTCGCATCTC
82 20
83

84 (2) INFORMATION FOR SEQ ID NO:3:
85
86 (i) SEQUENCE CHARACTERISTICS:
--> 87 (A) LENGTH: 19 base pairs
88 (B) TYPE: nucleic acid
89 (C) STRANDEDNESS: unknown
90 (D) TOPOLOGY: unknown

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 16:39:45

INPUT SET: S8022.raw

91
92 (ii) MOLECULE TYPE: cDNA
93
94
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96
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
98
99 TAAATAAAAG ATGCCCTGG
100 19
101

102 (2) INFORMATION FOR SEQ ID NO:4:
103
104 (i) SEQUENCE CHARACTERISTICS:
--> 105 (A) LENGTH: 19 base pairs
106 (B) TYPE: nucleic acid
107 (C) STRANDEDNESS: unknown
108 (D) TOPOLOGY: unknown
109
110 (ii) MOLECULE TYPE: cDNA
111
112
113
114
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
116
117 CCAGGGCATC TTTTATTTA
118 19
119

120 (2) INFORMATION FOR SEQ ID NO:5:
121
122 (i) SEQUENCE CHARACTERISTICS:
--> 123 (A) LENGTH: 20 base pairs
124 (B) TYPE: nucleic acid
125 (C) STRANDEDNESS: unknown
126 (D) TOPOLOGY: unknown
127
128 (ii) MOLECULE TYPE: cDNA
129
130
131
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
134
135 GAACTGGGAT GTGGGGCTGG
136 20
137

138 (2) INFORMATION FOR SEQ ID NO:6:
139
140 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 16:39:48

INPUT SET: S8022.raw

--> 141 (A) LENGTH: 20 base pairs
142 (B) TYPE: nucleic acid
143 (C) STRANDEDNESS: unknown
144 (D) TOPOLOGY: unknown
145
146 (ii) MOLECULE TYPE: cDNA
147
148
149
150
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
152
153 CCAGCCCCAC ATCCAGTTC
154 20
155

156 (2) INFORMATION FOR SEQ ID NO:7:
157
158 (i) SEQUENCE CHARACTERISTICS:
--> 159 (A) LENGTH: 18 base pairs
160 (B) TYPE: nucleic acid
161 (C) STRANDEDNESS: unknown
162 (D) TOPOLOGY: unknown
163
164 (ii) MOLECULE TYPE: cDNA
165
166
167
168
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
170
171 GCCAGCGGCA TCACCTCG
172 18
173

174 (2) INFORMATION FOR SEQ ID NO:8:
175
176 (i) SEQUENCE CHARACTERISTICS:
--> 177 (A) LENGTH: 18 base pairs
178 (B) TYPE: nucleic acid
179 (C) STRANDEDNESS: unknown
180 (D) TOPOLOGY: unknown
181
182 (ii) MOLECULE TYPE: cDNA
183
184
185
186
187 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
188
189 CGAGGTGATG CCGCTGGC
190 18
191

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 16:39:50**INPUT SET: S8022.raw**

Line	Error	Original Text
51	Entered (20) and Calc. Seq. Length (0) differ	(A) LENGTH: 20 base pairs
69	Entered (20) and Calc. Seq. Length (0) differ	(A) LENGTH: 20 base pairs
87	Entered (19) and Calc. Seq. Length (0) differ	(A) LENGTH: 19 base pairs
105	Entered (19) and Calc. Seq. Length (0) differ	(A) LENGTH: 19 base pairs
123	Entered (20) and Calc. Seq. Length (0) differ	(A) LENGTH: 20 base pairs
141	Entered (20) and Calc. Seq. Length (0) differ	(A) LENGTH: 20 base pairs
159	Entered (18) and Calc. Seq. Length (0) differ	(A) LENGTH: 18 base pairs
177	Entered (18) and Calc. Seq. Length (0) differ	(A) LENGTH: 18 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:25

INPUT SET: S8022.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Weiss, Samuel
Reynolds, Brent A.
Hamman, Joseph P.
Baetge, Edward E.

(ii) TITLE OF INVENTION: In Vitro and In Vivo Proliferation
and Use of Multipotent Neural Stem Cells and their
Progeny

(iii) NUMBER OF SEQUENCES: 8

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Flehr, Hohbach, Test, Albritton
& Herbert
(B) STREET: Four Embarcadero Center, Suite 3400
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: United States
(F) ZIP: 94111-4187

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/486,313
(B) FILING DATE: 07-JUN-1995
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Brunelle, Jan P.
(B) REGISTRATION NUMBER: 35,081
(C) REFERENCE/DOCKET NUMBER: A-61105-11/DJB/JPB

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (415) 781-1989
(B) TELEFAX: (415) 398-3249
(C) TELEX: 910 277299

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:28

INPUT SET: S8022.raw

47 (2) INFORMATION FOR SEQ ID NO:1:

48

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 20 base pairs

51 (B) TYPE: nucleic acid

52 (C) STRANDEDNESS: unknown

53 (D) TOPOLOGY: unknown

54

55 (ii) MOLECULE TYPE: cDNA

56

57

58

59

60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

61

62 GAGATGCGAC CCTCAGGGAC

20

63

64 (2) INFORMATION FOR SEQ ID NO:2:

65

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 20 base pairs

68 (B) TYPE: nucleic acid

69 (C) STRANDEDNESS: unknown

70 (D) TOPOLOGY: unknown

71

72 (ii) MOLECULE TYPE: cDNA

73

74

75

76

77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

78

79 GTCCCTGAGG GTCGCATCTC

20

80

81 (2) INFORMATION FOR SEQ ID NO:3:

82

83 (i) SEQUENCE CHARACTERISTICS:

84 (A) LENGTH: 19 base pairs

85 (B) TYPE: nucleic acid

86 (C) STRANDEDNESS: unknown

87 (D) TOPOLOGY: unknown

88

89 (ii) MOLECULE TYPE: cDNA

90

91

92

93

94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

95

96 TAAATAAAAG ATGCCCTGG

19

97

98 (2) INFORMATION FOR SEQ ID NO:4:

99

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:31

INPUT SET: S8022.raw

100 (i) SEQUENCE CHARACTERISTICS:
101 (A) LENGTH: 19 base pairs
102 (B) TYPE: nucleic acid
103 (C) STRANDEDNESS: unknown
104 (D) TOPOLOGY: unknown
105
106 (ii) MOLECULE TYPE: cDNA
107
108
109
110

111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
112

113 CCAGGGCATC TTTTATTTA
114

19

115 (2) INFORMATION FOR SEQ ID NO:5:
116

117 (i) SEQUENCE CHARACTERISTICS:
118 (A) LENGTH: 20 base pairs
119 (B) TYPE: nucleic acid
120 (C) STRANDEDNESS: unknown
121 (D) TOPOLOGY: unknown
122

123 (ii) MOLECULE TYPE: cDNA
124
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126
127

128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
129

130 GAACTGGGAT GTGGGGCTGG
131

20

132 (2) INFORMATION FOR SEQ ID NO:6:
133

134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 20 base pairs
136 (B) TYPE: nucleic acid
137 (C) STRANDEDNESS: unknown
138 (D) TOPOLOGY: unknown
139

140 (ii) MOLECULE TYPE: cDNA
141
142
143
144

145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
146

147 CCAGCCCCAC ATCCAGTTC
148

20

149 (2) INFORMATION FOR SEQ ID NO:7:
150

151 (i) SEQUENCE CHARACTERISTICS:
152 (A) LENGTH: 18 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:33

INPUT SET: S8022.raw

153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: unknown
155 (D) TOPOLOGY: unknown
156
157 (11) MOLECULE TYPE: cDNA
158
159
160
161
162 (x1) SEQUENCE DESCRIPTION: SEQ ID NO:7:
163
164 GCCAGCGGCA TCACCTCG
165
166 (2) INFORMATION FOR SEQ ID NO:8:
167
168 (1) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 18 base pairs
170 (B) TYPE: nucleic acid
171 (C) STRANDEDNESS: unknown
172 (D) TOPOLOGY: unknown
173
174 (11) MOLECULE TYPE: cDNA
175
176
177
178
179 (x1) SEQUENCE DESCRIPTION: SEQ ID NO:8:
180
181 CGAGGTGATG CCGCTGGC
182
183

18

18

INPUT SET: S8022.raw

***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

47 (2) INFORMATION FOR SEQ ID NO:1:

48

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 20 base pairs

51 (B) TYPE: nucleic acid

52 (C) STRANDEDNESS: unknown

53 (D) TOPOLOGY: unknown

54

55 (ii) MOLECULE TYPE: cDNA

56

57

58

59

60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

61

62 GAGATGCGAC CCTCAGGGAC

20

63

64 (2) INFORMATION FOR SEQ ID NO:2:

65

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 20 base pairs

68 (B) TYPE: nucleic acid

69 (C) STRANDEDNESS: unknown

70 (D) TOPOLOGY: unknown

71

72 (ii) MOLECULE TYPE: cDNA

73

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76

77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

78

79 GTCCCTGAGG GTCGCATCTC

20

80

81 (2) INFORMATION FOR SEQ ID NO:3:

82

83 (i) SEQUENCE CHARACTERISTICS:

84 (A) LENGTH: 19 base pairs

85 (B) TYPE: nucleic acid

86 (C) STRANDEDNESS: unknown

87 (D) TOPOLOGY: unknown

88

89 (ii) MOLECULE TYPE: cDNA

90

91

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:38

INPUT SET: S8022.raw

92
93
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
95
96 TAAATAAAAAG ATGCCCTGG 19
97

98 (2) INFORMATION FOR SEQ ID NO:4:
99
100 (i) SEQUENCE CHARACTERISTICS:
101 (A) LENGTH: 19 base pairs
102 (B) TYPE: nucleic acid
103 (C) STRANDEDNESS: unknown
104 (D) TOPOLOGY: unknown
105
106 (ii) MOLECULE TYPE: cDNA
107
108
109
110
111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
112
113 CCAGGGCATC TTTTATTTA 19
114

115 (2) INFORMATION FOR SEQ ID NO:5:
116
117 (i) SEQUENCE CHARACTERISTICS:
118 (A) LENGTH: 20 base pairs
119 (B) TYPE: nucleic acid
120 (C) STRANDEDNESS: unknown
121 (D) TOPOLOGY: unknown
122
123 (ii) MOLECULE TYPE: cDNA
124
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127
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
129
130 GAACTGGGAT GTGGGGCTGG 20
131

132 (2) INFORMATION FOR SEQ ID NO:6:
133
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 20 base pairs
136 (B) TYPE: nucleic acid
137 (C) STRANDEDNESS: unknown
138 (D) TOPOLOGY: unknown
139
140 (ii) MOLECULE TYPE: cDNA
141

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,313DATE: 12/29/95
TIME: 17:07:40

INPUT SET: S8022.raw

142
143
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148

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

CCAGCCCCAC ATCCCAGTTC

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149
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(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: unknown
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GCCAGCGGCA TCACCTCG

18

166
167
168
169
170
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179
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183

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: unknown
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

CGAGGTGATG CCGCTGGC

18

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/486,313

DATE: 12/29/95
TIME: 17:07:42

INPUT SET: S8022.raw

Line	Error	Original Text
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